

**Emergency evacuation device**

The Derope® emergency escape/controlled descent device enables the evacuation of one or two persons from an elevated position to a lower level or the ground at a controlled speed of 235 ft./min. (72 m/min.).

**Rescue device**

The Derope® descent device can also be used for one man or two-man rescue operations. Victims can be lowered alone or accompanied by the rescuer following the standard procedures for rescue applications. If obstructions or obstacles prevent a vertical evacuation, the operation can be carried out down a cableway or tagline positioned at an angle between 30° and 60°.

**Derope® T (base model)**

The Derope® descent device utilizes 3/8-in. (9.5 mm) Kernmantle® rope that runs through a guarded rope sheave which is connected to a sealed centrifugal brake that limits the descent speed to 235 ft./min. (72 m/min.). Snap hooks located at each end of the rope allow for multiple evacuations as the brake controls the descent speed in either direction. Dual descent pig tails and an intergraded jamming cleat give the user more control during a rescue. External cooling fins ensure that the unit is rapidly ready for consecutive descents.

**Derope® Up A descent device with hand wheel winch**

Model incorporates a hand wheel winch mounted on to the base unit which allows the Derope® descent device to be used as a lifting device. With a lift ratio of roughly 2:1, the winch is capable of lifting a victim in order to release it from its fall protection sub-system.

**Derope® Up E descent device with ladder bracket**

Model equipped with a wheel winch and a ladder bracket that can be secured on ladder rungs for more stability during rescue operations.

**Derope® Up R descent device with tripod bracket**

Model equipped with a wheel winch and a tripod bracket that can be secured on a tripod leg to perform rescue operations in confined space environments.

For further information, refer to "Use and Maintenance Instructions" for evacuation and rescue equipment and Derope® emergency escape/controlled descent device.

**Features**

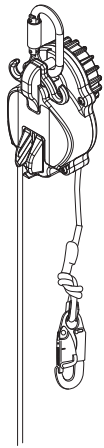
- Easy to use, minimum training required
- For one person:
  - Constant descent speed of 235 ft./min. (72 m/min.)
  - Up to 2,600 ft. (800 m) of descent
- For two persons:
  - Constant descent speed of 295 ft./min. (90 m/min.)
  - Up to 1,000 ft. (300 m) of descent

**Applications**

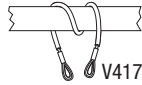
- Wind power turbines
- Aerial electric lines
- Antennas, towers
- Platforms, cranes
- Confined space (sewerage system, gas grid, piping)
- Cable car cabins
- Silos

**Applicable standards**

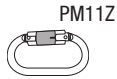
- ANSI Z359.4-07
- CSA Z259.2.3, type 1E



Derope® T  
descent device



V4173



PM11Z



KSOS

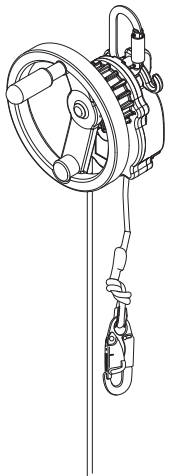


XB23144

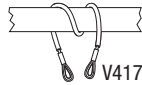
**Available Derope® T descent device kits including:**

- Derope® descent device unit
- 6-ft. (1.8 m) vinyl covered wire rope sling – V4173
- ¾-in. (19 mm) carbon steel autolocking carabiner – PM11Z
- J-knife – KSOS
- Rescue/rope bag – XB23144 or XB26168

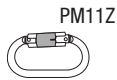
KT7200/TK	200-ft. (60 m) Derope® T descent device system
KT7300/TK	300-ft. (90 m) Derope® T descent device system
KT7400/TK	400-ft. (120 m) Derope® T descent device system
KT7500/TK	500-ft. (150 m) Derope® T descent device system
KT7600/TK	600-ft. (180 m) Derope® T descent device system



Derope® Up A  
descent device



V4173



PM11Z



KSOS

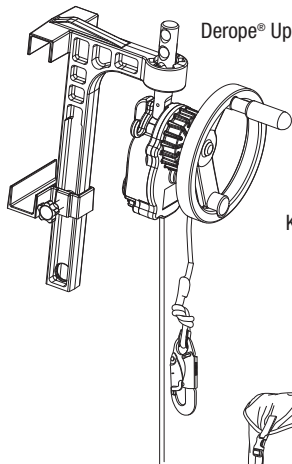


XB23144

**Available Derope® Up A descent device kits including:**

- Derope® descent device unit
- 6-ft. (1.8 m) vinyl covered wire rope sling – V4173
- ¾-in. (19 mm) carbon steel autolocking carabiner – PM11Z
- J-knife – KSOS
- Rescue/rope bag – XB23144 or XB26168

KT7200/AK	200-ft. (60 m) Derope® Up A descent device system
KT7300/AK	300-ft. (90 m) Derope® Up A descent device system
KT7400/AK	400-ft. (120 m) Derope® Up A descent device system



Derope® Up E descent device

K5TBAR/K



WA58



D58U98

XB26168

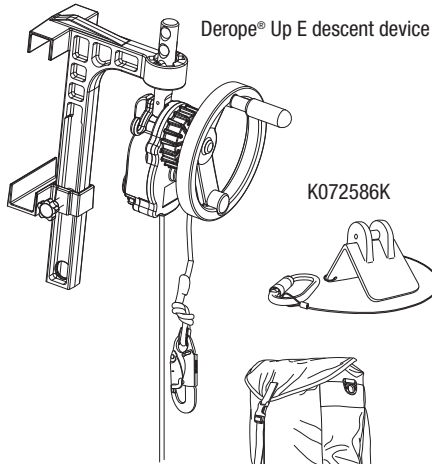
K072586K

**Available ladder Derope® Up E descent device kits including:**

- Derope® descent device unit with mounted ladder adapter
- Adjustable lanyard including two PM11Z carabiners – D58U98
- Edge roller – K072586K
- T-bar – K5TBAR/K
- Stopfor® A rope grab – WA58
- Rescue bag – XB26168

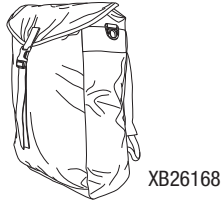
KT7230/WKE	230-ft. (70 m) Derope® Up E descent device system
KT7280/WKE	280-ft. (85 m) Derope® Up E descent device system
KT7300/WKE	300-ft. (90 m) Derope® Up E descent device system
KT7330/WKE	330-ft. (100 m) Derope® Up E descent device system

\* Recommended lanyard: C826H



K072586K

D58U98

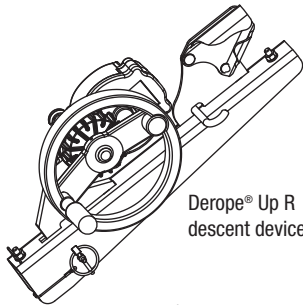


**Available ladder Derope® Up E descent device kits including:**

- Derope® descent device unit with mounted ladder adapter
- Adjustable lanyard including two PM11Z carabiners – D58U98
- Edge roller – K072586K
- Rescue bag – XB26168

KT7230/WK	230-ft. (70 m) Derope® Up E descent device system
KT7280/WK	280-ft. (85 m) Derope® Up E descent device system
KT7300/WK	300-ft. (90 m) Derope® Up E descent device system
KT7330/WK	330-ft. (100 m) Derope® Up E descent device system

\* Recommended lanyards: C5Y26H/R, C526H/R, CA226H/R and C826H



**Available tripod Derope® Up R descent device kits:**

KT7050/R	50-ft. (15 m) Derope® Up R descent device system
KT7100/R	100-ft. (30 m) Derope® Up R descent device system

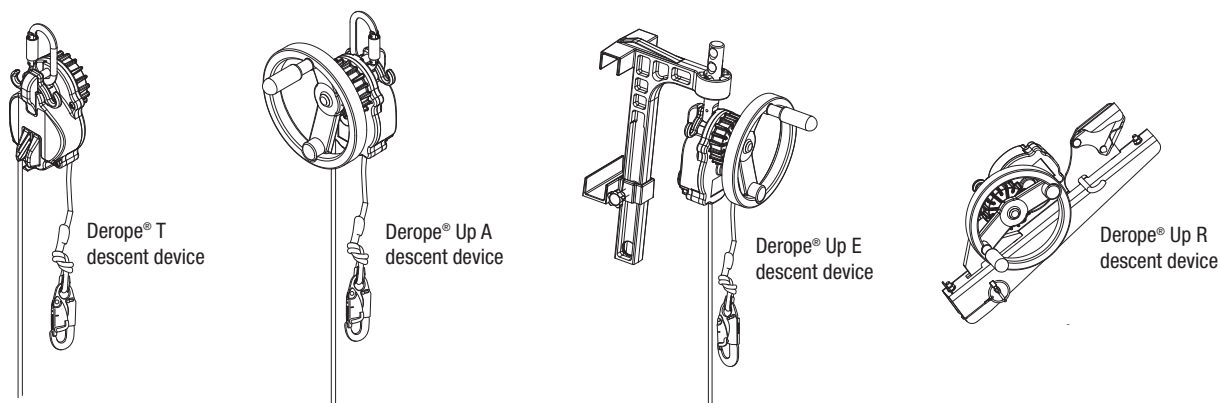


**Accessories**

K3040092	In-line double pulley
K3020512	Rigging plate
GC759	Super dry, semi-static 3/8-in. (9.5 mm) kernmantle rope, per foot (system requires 2 ft. [0.6 m] of rope for each foot of height)

**Recommended lengths of rope**

Evacuation: 1 x the height to evacuate  
Rescue: 2 x the height



Model	Derope® T	Derope® Up A	Derope® Up E	Derope® Up R
Max. height for single descent	1 person	1,300 ft. (400 m)		
	2 persons	650 ft. (200 m)		
Speed of descent	1 person	235 ft./min. (72 m/min.)		
	2 persons	295 ft./min. (90 m/min.)		
Temperature	-31 to 122° F (-35 to 50° C)			
Dimensions H x W x D	6 <sup>1</sup> / <sub>16</sub> x 4 <sup>2</sup> / <sub>32</sub> x 4 <sup>1</sup> / <sub>8</sub> in. (170 x 120 x 105 mm)	8 <sup>5</sup> / <sub>64</sub> x 7 <sup>7</sup> / <sub>8</sub> x 6 <sup>1</sup> / <sub>2</sub> in. (225 x 200 x 165 mm)	19 <sup>29</sup> / <sub>32</sub> x 10 <sup>7</sup> / <sub>16</sub> x 6 <sup>1</sup> / <sub>2</sub> in. (485 x 265 x 165 mm)	19 <sup>3</sup> / <sub>32</sub> x 10 <sup>7</sup> / <sub>16</sub> x 6 <sup>1</sup> / <sub>2</sub> in. (485 x 265 x 165 mm)
Construction	Housing: aluminum casting Internal parts (pulley and gears): heat-treated steel			
Hand wheel winch	Max load	n/a	310 lbs. (140 kg)	
	Applied force	n/a	11 lbs. (5 kg)	
	Lift ratio	n/a	10 rotations raises victim by 6 <sup>3</sup> / <sub>4</sub> in. (17 cm)	
Capacity	1 person	310 lbs. (140 kg)		
	2 persons	500 lbs. (225 kg)		
Weight	4 lbs. (1,9 kg)	6.6 lbs. (3 kg)	13.4 lbs. (6.1 kg)	14.3 lbs. (6.5 kg)
Kernmantle® rope*	¾ in. (9.5 mm) Tractel® Ltd. super dry Kernmantle®			
Standards	ANSI Z359.4-07 and CSA Z259.2.3, type 1E			

\* **Recommended lengths of rope**  
Evacuation: 1 x the height to evacuate  
Rescue: 2 x the height

**MAXIMUM NUMBER OF CONSECUTIVE DESCENTS**

Descent height	< 165 ft. (50 m)	< 410 ft. (125 m)	< 650 ft. (200 m)	< 1,000 ft. (300 m)	< 1,300 ft. (400 m)
Capacity of 310 lbs. (140 kg)	16	6	4	2	2
Capacity of 500 lbs. (225 kg)	6	2	1	1	Prohibited